



An Informative Two-day Seminar:

Avoiding Electrocution in Construction: ***High Voltage Safe Work Practices, Scaffold Safety and Aerial Lifts***

1 ***Who Should Attend . . .***

This seminar is a must for anyone concerned about health and safety on the job including:

- ▶ Managers concerned about liability and workers' compensation costs
- ▶ Employees who want to learn proper techniques for protecting their safety and health at work
- ▶ Business owners who want to learn about compliance with Michigan Occupational Safety and Health Administration (MIOSHA)

2 ***Why You Need This Seminar . . .***

- ▶ To reduce disabling injuries and illnesses to employees - and to ensure that every worker goes home safe and healthy every day.
- ▶ To reduce the high costs of work-related injuries. Nationally, employers spent an estimated 50.8 billion on wage payments and medical care for workers hurt on the job. (*Liberty Mutual Safety Index 2005*) This is only a portion of the total costs of work-related injuries. Indirect costs such as overtime, training and lost productivity can also burden employers.
- ▶ To enhance your company's bottom line. A strong safety and health commitment not only protects workers, it also reduces workers compensation costs, improves employee morale, and increases production and quality.

3 ***What You'll Learn . . .***

Electrocutions are the second leading cause of fatalities in construction nationally. In Michigan (2003) they were the number one cause of construction fatalities. This program will explain and illustrate safety practices the electrical industry itself uses before performing work on energized overhead lines. Emphasized will be the importance of recognizing and eliminating hazards to avoid the possibility of any contact with energized lines. Covered in the program: standards that apply to energized line clearances; what constitutes fatal amount of current; how to determine voltages and when overhead lines need to be de-energized. This course also discusses scaffold safety, including a review of Part 12, Scaffolds and Scaffold Platforms and Part 32 Aerial Work Platforms. The major focus will be on falls, electrocutions, struck by incidents, and an explanation of MIOSHA regulations.

Agenda

*We offer a flexible
program agenda
to emphasize the
construction
topics you
want most.*

- ▶ Standards That Apply to Energized Line Clearances
- ▶ What Constitutes Fatal Amount of Current
- ▶ How to Determine Voltages
- ▶ When Overhead Lines Need to be De-energized

All meetings are accessible and barrier free. Please contact the cosponsor or CET Division, at least two weeks in advance, to request necessary accommodations.

Facilitator

Jim Dykes began his career with MIOSHA in 2001 as a compliance officer with the Construction Safety and Health Division. Although an effective compliance officer, Jim had an interest in the teaching and consulting aspects of MIOSHA. He then joined the Consultation Education and Training Division in December of 2004 as a traditional consultant specializing in Construction safety. In his capacity as a construction consultant, Jim will service the Upper Peninsula and several counties in the lower Peninsula.

Previous to joining MIOSHA, Jim spent 23 years as an overhead line worker achieving journeyman status in that field. His specialty allows him to be an excellent resource in the transmission and distribution aspects of high voltage electricity. Jim especially enjoyed troubleshooting difficult situations in overhead line installation and replacement that not only got the job done, but also protected the workers doing this dangerous work. Jim brings this enthusiasm and expertise to his consultation and teaching assignments.



Jim Dykes
*Construction Safety Consultant,
MIOSHA, CET Division*

Program Details

DATE: January 23 & 24, 2007
LOCATION: UPPCO Headquarters Building
600 E. Lakeshore Drive
Houghton, Michigan 49931
COST: \$30 per Non-Member
Free to UPBA Members
Coffee/rolls and lunch provided.
Includes course materials.

TIME: Check-in - 8:30 a.m.
Program - 9:00 a.m. to 4:30 p.m.
DEADLINE: Register by January 12, 2007
Please register early!
CONTACT: Brian White - 906.228.2312 or
upba@upbuildersassociation.com

COSPONSOR: *Upper Peninsula Builders Association*

If this valuable seminar doesn't fit with your schedule or position, please pass this flyer on to a colleague.

How to Register

Avoiding Electrocution in Construction:
High Voltage Safe Work Practices

Complete information at right to
register by . . .

► **Phone:** 906.228.2312
► **Fax:** 906.228.8252
► **Mail:** Upper Peninsula
Builders Association
914 W. Baraga Ave., Suite A
Marquette, MI 49855
Attn: Brian White

Name: _____
Company Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____
Fax: _____
UPBA Members Attending: _____ @ (Free)
Non Members Attending: _____ @ \$30 each \$ _____
Total Number Attending: _____

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